



# Post Disaster FEMA Reporting Overview

Jeff Brown

Brunswick County Mosquito Control





# Mosquito Surveillance

- The initial request for assistance described the need for Mosquito Abatement activities.
- Before the planes start the application pre-treatment light traps should be placed in each polygon to be treated the next night.
  - You need at least 2x the number of batteries as chargers. The morning before the application collect the traps and charge the batteries.
  - We placed each labeled trap collection in a paper bag and put it in the freezer for later identification.
  - Remember on the second night you will need twice as many light traps because you will be doing both pre and post treatment assessments.
  - It's a good idea to have 2 people setting the traps. That way when everybody is familiar with the location and retrievals are easy.



# FEMA Language

- Forced Account (FA) represents an inhouse accounting resources used. There are 3 basic types
- FORCE ACCOUNT EQUIPMENT
  - Inhouse equipment used and billed using FEMA rates
- FORCE ACCOUNT LABOR
  - Inhouse labor used and billed using base salary rates
- FORCE ACCOUNT MATERIALS
  - Inhouse materials used and billed with verified pricing



# Schedule of Equipment Rates FEMA.Gov

- The rates on this Schedule of Equipment Rates are for applicant-owned equipment in good mechanical condition, complete with all required attachments.
- Each rate covers all costs eligible under the Robert T. Stafford Disaster Relief and Emergency Assistance Act, 42 U.S.C. § 5121, et.
- Equipment must be in actual operation performing eligible work in order for reimbursement to be eligible. **LABOR COSTS OF OPERATOR ARE NOT INCLUDED** in the rates and should be approved separately from equipment costs.



# Mosquito Sprayers Are Typically Not Listed

- Mosquito Sprayers are typically not listed in the FEMA equipment rate listing. Typically we are told to find a similar piece of equipment provide a reasonable justification why you are using a particular rate.
- FEMA rate specifications use capacity or size and Horse Power HP as criteria for characterizing equipment.
- For Example:
- The Clarke Grizzly ULV sprayer utilizes an 18HP (694cc) engine.
- FEMA Cost code 8085 describes All terrain vehicle having between 18 and 20 horsepower (300cc) engine and allows for an hourly rate of \$10.20 per hour.
- The initial cost of the equipment is similar and the HP is comparable and is the methodology your using to show your thinking.



# FORCE ACCOUNT EQUIPMENT

STATE DISASTER		FORCE ACCOUNT EQUIPMENT SUMMARY RECORD		Page 1 of 1																										
1. APPLICANT Brunswick County		2. PAID 019-99019-00		3. PROJECT NO.																										
4. LOCATION/SITE Incorporated Areas of Brunswick County		6. CATEGORY B - EPM		4. DISASTER NAME/NUMBER Florence/4393 DR-NC																										
5. DESCRIPTION OF WORK PERFORMED Flood and Mosquito Response		7. PERIOD COVERING 09/10/18 to 10/03/18																												
TYPE OF EQUIPMENT		OPERATOR'S NAME	DATES AND HOURS USED EACH DAY																								COSTS			
EQUIP. CODE NUMBER	DATE		Mo n 9/10	Tue 9/11	Wed 9/12	Thur 9/13	Fri 9/14	Sat 9/15	Sun 9/16	Mo n 9/17	Tue 9/18	Wed 9/19	Thur 9/20	Fri 9/21	Sat 9/22	Sun 9/23	Mo n 9/24	Tue 9/25	Wed 9/26	Thur 9/27	Fri 9/28	Sat 9/29	Sun 9/30	Mo n 10/1	Tue 10/2	Wed 10/3	Thur 10/4	TOTAL HOURS	EQUIP. RATE	TOTAL COST
OSE184 Grizzley Mosquito Sprayer 18 HP (OS-07-83)	8472																7.0	4.5	4.5	5.5	5.0	3.3						29.8	\$ 7.99	\$ 237.70
OSE142 Grizzley Mosquito Sprayer 18 HP (OS-09-10)	8472																4.0	3.3	2.0	4.3								13.5	\$ 7.99	\$ 107.87
OSE144 Grizzley Mosquito Sprayer 18 HP (OS-09-16)	8472																3.5	1.5	2.3	4.5	5.3	3.8						20.8	\$ 7.99	\$ 165.79
OSE63 Grizzley Mosquito Sprayer 18 HP (OS-07-80)	8472																		3.3									3.3	\$ 7.99	\$ 25.97
OSE63 Grizzley Mosquito Sprayer 18 HP (OS-07-80)	8472																			3.8								3.8	\$ 7.99	\$ 29.96
OSE63 Grizzley Mosquito Sprayer 18 HP (OS-07-80)	8472																3.0			5.0								8.0	\$ 7.99	\$ 63.92
OSE63 Grizzley Mosquito Sprayer 18 HP (OS-07-80)	8472																				4.3							4.3	\$ 7.99	\$ 33.96
OSE143 Grizzley Mosquito Sprayer 18 HP (OS-07-81)	8472																			3.5								3.5	\$ 7.99	\$ 27.97
OSE143 Grizzley Mosquito Sprayer 18 HP (OS-07-81)	8472																		4.3									4.3	\$ 7.99	\$ 33.96
OSE143 Grizzley Mosquito Sprayer 18 HP (OS-07-81)	8472																	2.5										2.5	\$ 7.99	\$ 19.98
OSE143 Grizzley Mosquito Sprayer 18 HP (OS-07-81)	8472																2.8											2.8	\$ 7.99	\$ 21.97



# FORCE ACCOUNT LABOR

**Note: Do not enter directly in to the column for "Benefit Rate/HR". This column is linked to the "Fringe Benefit Worksheet" and will automatically calculate based on the percentages entered into the Fringe Benefit Worksheet**



# FORCE ACCOUNT MATERIALS

	Adulticiding		Date									
			Monday	Tuesday	Wednesday	Thursday	Friday	Saturday				
Name		OS and OSE #	9/24/2018	9/25/2018	9/26/2018	9/27/2018	9/28/2018	9/29/2018		Overtime	Salary	x1.5
								OS08102				
		OS0783/OSE184	OS0783/OSE184	OS0783/OSE184	OS0783/OSE184	OS0783/OSE184	OS0783/OSE184	OS0783/OSE184				
	Hours Worked	12	12	15.75	10.25	10	10.75	8.75	79.5	39.5	\$24.84	\$1,471.77
		OS0910/OSE142	OS0910/OSE142	OS0910/OSE142	OS0910/OSE142	OS0910/OSE142						
	Hours Worked		10	9	8.75	10			37.75	0	\$22.47	
		OS0916/OSE144	OS0916/OSE144	OS0916/OSE144	OS0916/OSE144	OS0916/OSE144	OS0916/OSE144	OS0916/OSE144				
	Hours Worked		10.25	8	8	10	10	7.25	53.5	13.5	\$22.47	\$455.02
	Hours Worked				OS0780/OSE63		OS0910/OSE142	OS0910/OSE142				
	Hours Worked						OS0781/OSE143					
	Hours Worked					OS0780/OSE63	OS0788/OSE62					
	Hours Worked				OS0788/OSE62	OS0781/OSE143						
	Hours Worked			OS0780/OSE63	OS0781/OSE143		OS0780/OSE63	OS0788/OSE62				
	Hours Worked			OS0781/OSE143		OS0788/OSE62		OS0780/OSE63				
	Hours Worked											
		Totals	Date									
			9/24/2018	9/25/2018	9/26/2018	9/27/2018	9/28/2018	9/29/2018	9/30/2018	Total	FEMA RATE	
\$40.00/gallon	Total Biomist 3+15 Gallons		15.22	23.47	18.08	30.99	29.03	25.17		141.96	\$40.00	\$5,678.40
\$14.00/hr	Total Truck Hours		14.25	22.5	19	32.5	31	25.05		144.3	\$14.00	\$2,020.20
\$6.50/hr	Total Machine Hours		7.9	13.8	11.6	18.3	17.6	15.2		84.4	\$6.50	\$548.60
2.09/LBS	Dry Ice							30		30	\$2.09	\$62.70
		Light trapping										
		9/30/2018	10/1/2018	10/2/2018	10/3/2018	10/4/2018	10/5/2018	Totals	Overtime			
Employee HRS			8	8	9	10.75		35.75				
		3.25	11	10.75	10.25	8.5		43.75	3.75			
			9.5	8	8.75	8.75		35				
2.09/LBS	Dry Ice		15	15	30	15	15	90		90	\$2.11	\$189.90
\$14.00/hr	Total TrappingTruck Hours OS08102	3.25	5	5	5	5	5	28.25				
\$14.00/hr	Total TrappingTruck Hours OS0782				2	2		4				





# Ground Based Operations

	Adulticiding		Date									
			Monday	Tuesday	Wednesday	Thursday	Friday	Saturday				
Name		OS and OSE #	9/24/2018	9/25/2018	9/26/2018	9/27/2018	9/28/2018	9/29/2018		Overtime	Salary	x1.5
Jeff Brown								OS08102				
Abram Young		OS0783/OSE184	OS0783/OSE184	OS0783/OSE184	OS0783/OSE184	OS0783/OSE184	OS0783/OSE184	OS0783/OSE184				
	Hours Worked	12	12	15.75	10.25	10	10.75	8.75	79.5	39.5	\$24.84	\$1,471.77
Matt Dupont		OS0910/OSE142	OS0910/OSE142	OS0910/OSE142	OS0910/OSE142	OS0910/OSE142						
	Hours Worked		10	9	8.75	10			37.75	0	\$22.47	
Jorden Davis		OS0916/OSE144	OS0916/OSE144	OS0916/OSE144	OS0916/OSE144	OS0916/OSE144	OS0916/OSE144	OS0916/OSE144				
	Hours Worked		10.25	8	8	10	10	7.25	53.5	13.5	\$22.47	\$455.02
Chris Martin					OS0780/OSE63		OS0910/OSE142	OS0910/OSE142				
	Hours Worked											
Donas Johnson							OS0781/OSE143					
	Hours Worked											
Mathew O,neil						OS0780/OSE63	OS0788/OSE62					
	Hours Worked											
Antoni Gore					OS0788/OSE62	OS0781/OSE143						
	Hours Worked											
Robert Hall				OS0780/OSE63	OS0781/OSE143		OS0780/OSE63	OS0788/OSE62				
	Hours Worked											
Jeff Gaskil				OS0781/OSE143		OS0788/OSE62		OS0780/OSE63				
	Hours Worked											
		Totals	Date									
			9/24/2018	9/25/2018	9/26/2018	9/27/2018	9/28/2018	9/29/2018	9/30/2018	Total	FEMA RATE	
\$40.00/gallon	Total Biomist 3+15 Gallons		15.22	23.47	18.08	30.99	29.03	25.17		141.96	\$40.00	\$5,678.40
\$14.00/hr	Total Truck Hours		14.25	22.5	19	32.5	31	25.05		144.3	\$14.00	\$2,020.20
\$6.50/hr	Total Machine Hours		7.9	13.8	11.6	18.3	17.6	15.2		84.4	\$6.50	\$548.60
2.09/LBS	Dry Ice							30		30	\$2.09	\$62.70
		Light trapping										
		9/30/2018	10/1/2018	10/2/2018	10/3/2018	10/4/2018	10/5/2018	Totals	Overtime			
Employee HRS	Matthew Dupont		8	8	9	10.75		35.75				
	Abram Young	3.25	11	10.75	10.25	8.5		43.75	3.75			
	Jordan Davis		9.5	8	8.75	8.75		35				
2.09/LBS	Dry Ice		15	15	30	15	15	90		90	\$2.11	\$189.90
	Total TrappingTruck											
\$14.00/hr	Hours OS08102	3.25	5	5	5	5	5	28.25				
\$14.00/hr	Total TrappingTruck											
	Hours OS0782				2	2		4				



# Aerial Applications



# Quote Process



- Request quotes from at least three vendors
- Select the quote that best fits your need.
- Price is not the only consideration



# Aerial Contract

NORTH CAROLINA  
BRUNSWICK COUNTY

## SERVICES AGREEMENT

THIS SERVICES AGREEMENT (hereinafter referred to as the "AGREEMENT") is made and entered into this the 1st day of October, 2018, by and between BRUNSWICK COUNTY, a body politic and corporate of the State of North Carolina, (hereinafter referred to as "COUNTY"), party of the first part and VECTOR DISEASE CONTROL INTERNATIONAL, (hereinafter referred to as "PROVIDER" or "CONTRACTOR"), party of the second part.

WHEREAS, the flooding and devastation resulting from Hurricane Florence has led to an immediate increase in the county-wide mosquito population;

WHEREAS, Brunswick County and other surrounding areas have been placed into a State of Emergency by local, state, and federal leaders;

WHEREAS, it is well established that mosquito control is considered an emergency protective measure;

WHEREAS, this limited public exigency should end upon the completion of services provided within this agreement;

THEREFORE, the parties have entered into an agreement for aerial spraying subject to the terms and conditions set forth herein.

### WITNESSETH:

#### 1. SERVICES; FEES

The services to be performed under this AGREEMENT (hereinafter referred to collectively as "SERVICES") and the agreed upon fees for said SERVICES are as follows:

*See Exhibit "A"*

Any exhibits or attachments referenced above are hereby incorporated by reference and made a part of this AGREEMENT. Any conflict between the language in an exhibit or attachment and the main body of this AGREEMENT shall be resolved in favor of the main body of this AGREEMENT.

#### 2. TERM OF AGREEMENT AND TERMINATION

The term of this AGREEMENT begins upon execution of the AGREEMENT and continues in effect until November 4, 2018, unless sooner terminated as provided herein. The COUNTY may terminate this AGREEMENT at any time without cause by giving twenty (20) days' written notice to the PROVIDER. As soon as practicable after receipt of a written notice of termination without cause, PROVIDER shall submit a statement to the COUNTY showing in detail the SERVICES performed under this AGREEMENT through the effective date of

- 18 pages of Legalese
- Reviewed and approved by County Attorney
- Then to County Manger
- Then to Board for Approval



# Aerial Purchase Order





COUNTY OF BRUNSWICK  
FINANCE DEPARTMENT  
P.O. BOX 249  
BOLIVIA, N.C. 28422

PURCHASE ORDER NO.	
<small>This order number must appear on all packages, invoices, packing lists, etc.</small>	P70310

VENDOR: VECTOR DISEASE CONTROL INTERNATIONAL  
PO BOX 566  
DE WITT, AR 72042

CONTACT/BILL/SHIP TO: OPERATION SERVICES  
PO BOX 249  
179 MARCH 9, 1764 DR NE  
BOLIVIA, NC 28422-0249

VENDOR PHONE:		VENDOR FAX:		TERMS:	REQUESTED BY:	DATE ISSUED:	
				Net 30	Frances McGeoy	10/08/18	
ITEM	QUANTITY	UNIT	DESCRIPTION		UNIT PRICE	EXTENSION	
01	1EA		AERIAL SERVICES FOR VECTOR CONTROL		474,750.00	474,750.00	
			104280-449912	474,750.00			
02	1EA		Increase aerial spraying due to Hurricane Florence. Initial PO amount incorrect		211,307.00	211,307.00	
			104280-449912	211,307.00			
03	1EA		Coding corrections		-199,913.00	-199,913.00	
			104280-449912	-199,913.00			
04	1EA		Coding corrections		199,913.00	199,913.00	
			135181-423100	199,913.00			
					TOTAL	686,057.00	

ATTENTION VENDOR:  
\*Brunswick County shall not be liable for payment in excess of this purchase order total amount. If the amount of this purchase order is not sufficient, please notify the requesting party at the telephone number above.  
\*Brunswick County is not tax-exempt. Sales tax should be included on all invoices.  
\*By accepting this purchase order vendors, contractors, and/or subcontractors affirm they are not listed and will not utilize a subcontractor listed on the Final Divestment List created by the State Treasurer pursuant to N.C.G.S. 143-6A-4, Iran Divestment Act Certification.

This instrument has been pre-audited in the manner required by the Local Government Budget and Fiscal Control Act.

*Julie A. Miller*  
FINANCE OFFICER



# Board of Commissioner Approval



**APPROVED**

## Brunswick County Board of Commissioners ACTION AGENDA ITEM October 1, 2018

**From:**  
Ann Hardy, County Manager

**Action Item # V. - 24.**  
Operation Services - Ratify Manager's Decision to Award  
Contract for Aerial Mosquito Spray

**Issue/Action Requested:**  
Request that the Board of Commissioners ratify the decision of the manager to enter into an emergency agreement for aerial spraying of mosquitoes for approximately 325,160 acres at a total cost of \$686,087.

**Background/Purpose of Request:**  
The impacts of Hurricane Florence have resulted in a public health emergency related to mosquito control. The county requested an aerial fly for vector control and solicited bids in accordance with FEMA regulations. It is anticipated that FEMA reimbursement will occur for a substantial portion of the costs.

**Fiscal Impact:**  
Budget Amendment Required, Pre-Audit Certification Required, Reviewed By Director of Fiscal Operations  
Budget amendment to appropriates \$514,565 FEMA Disaster Assistance at 75% and contingency funds \$171,522 at 25% required.

**Approved By County Attorney:**  
Yes

**County Manager's Recommendation:**  
Recommend that the Board of Commissioners ratify the decision of the manager to enter into an emergency agreement for aerial spraying of mosquitoes for approximately 325,160 acres at a total cost of \$686,087.


### ATTACHMENTS:

- Description
- D 181001 Budget Amendment Mosquito Control
  - D Mosquito Services Agreement



# Daily Mission Invoicing





1320 Brookwood Dr. Ste H  
Little Rock, AR 72202

INVOICE  
Invoice Number: PLA00003305  
Invoice Date: 10/02/18

Voice: (800) 413-4445 Fax: (860) 839-8595  
PROPERTY: County of Brunswick

SOLD TO: County of Brunswick  
Finance Department  
P.O. Box 249  
Bolivia, NC 28422  
United States

CUSTOMER ID  
BRUNSWICK01  
Sales Rep ID

CUSTOMER PO  
Shipment Method

Payment Terms  
Ship Date  
Due Date  
10/02/18

Qty	Item / Description	Unit Price	Extension
23,273	Adulticide - Aerial Application on 10-2-18	2.11	49,106.03
46,545	Adulticide - Aerial Application on 10-2-18	2.11	98,209.95
23,273	Adulticide - Aerial Application on 10-2-18	2.11	49,106.03

Aerial Services for Vector Control  
Purchase Order No. P70310

Processed by  
Authorized to pay  
Date  
Account #  
Special Delivery Instructions


70310  
10/2/18  
449975  
CHECKED OCT 15 2018

SSB

PLEASE REMIT PAYMENT TO:  
1320 Brookwood Dr. Ste H  
Little Rock, AR 72202  
Commercial applicators are licensed by the  
Colorado Department of Agriculture.  
TOTAL 196,422.01

Subtotal 196,422.01  
Sales Tax 0.00  
Total Invoice 196,422.01

www.vdci.net RKIwn@vdci.net



1320 Brookwood Dr. Ste H  
Little Rock, AR 72202

INVOICE  
Invoice Number: PLA00003307  
Invoice Date: 10/03/18

Voice: (800) 413-4445 Fax: (860) 839-8595  
PROPERTY: County of Brunswick

SOLD TO: County of Brunswick  
Finance Department  
P.O. Box 249  
Bolivia, NC 28422  
United States

CUSTOMER ID  
BRUNSWICK01  
Sales Rep ID

CUSTOMER PO  
Shipment Method

Payment Terms  
Ship Date  
Due Date  
10/03/18

Qty	Item / Description	Unit Price	Extension
46,545	Adulticide - Aerial Application on 10-3-18	2.11	98,209.95
46,545	Adulticide - Aerial Application on 10-3-18	2.11	98,209.95
34,909	Adulticide - Aerial Application on 10-3-18	2.11	73,657.99

Aerial Services for Vector Control  
Purchase Order No. P70310

Processed by  
Authorized to pay  
Date  
Account #  
Special Delivery Instructions


70310  
10/3/18  
449975  
CHECKED OCT 15 2018

SSB

PLEASE REMIT PAYMENT TO:  
1320 Brookwood Dr. Ste H  
Little Rock, AR 72202  
Commercial applicators are licensed by the  
Colorado Department of Agriculture.  
TOTAL 270,077.89

Subtotal 270,077.89  
Sales Tax 0.00  
Total Invoice 270,077.89

www.vdci.net RKIwn@vdci.net



1320 Brookwood Dr. Ste H  
Little Rock, AR 72202

INVOICE  
Invoice Number: PLA00003309  
Invoice Date: 10/04/18

Voice: (800) 413-4445 Fax: (860) 839-8595  
PROPERTY: County of Brunswick

SOLD TO: County of Brunswick  
Finance Department  
P.O. Box 249  
Bolivia, NC 28422  
United States

CUSTOMER ID  
BRUNSWICK01  
Sales Rep ID

CUSTOMER PO  
Shipment Method

Payment Terms  
Ship Date  
Due Date  
10/04/18

Qty	Item / Description	Unit Price	Extension
46,545	Adulticide - Aerial Application on 10-4-18	2.11	98,209.95
23,273	Adulticide - Aerial Application on 10-4-18	2.11	49,106.03
34,909	Adulticide - Aerial Application on 10-4-18	2.11	73,657.99

Aerial Services for Vector Control  
Purchase Order No. P70310

Processed by  
Authorized to pay  
Date  
Account #  
Special Delivery Instructions

70310  
10/4/18  
449975  
CHECKED OCT 15 2018

SSB

PLEASE REMIT PAYMENT TO:  
1320 Brookwood Dr. Ste H  
Little Rock, AR 72202  
Commercial applicators are licensed by the  
Colorado Department of Agriculture.  
TOTAL 220,973.97

Subtotal 220,973.97  
Sales Tax 0.00  
Total Invoice 220,973.97

www.vdci.net RKIwn@vdci.net





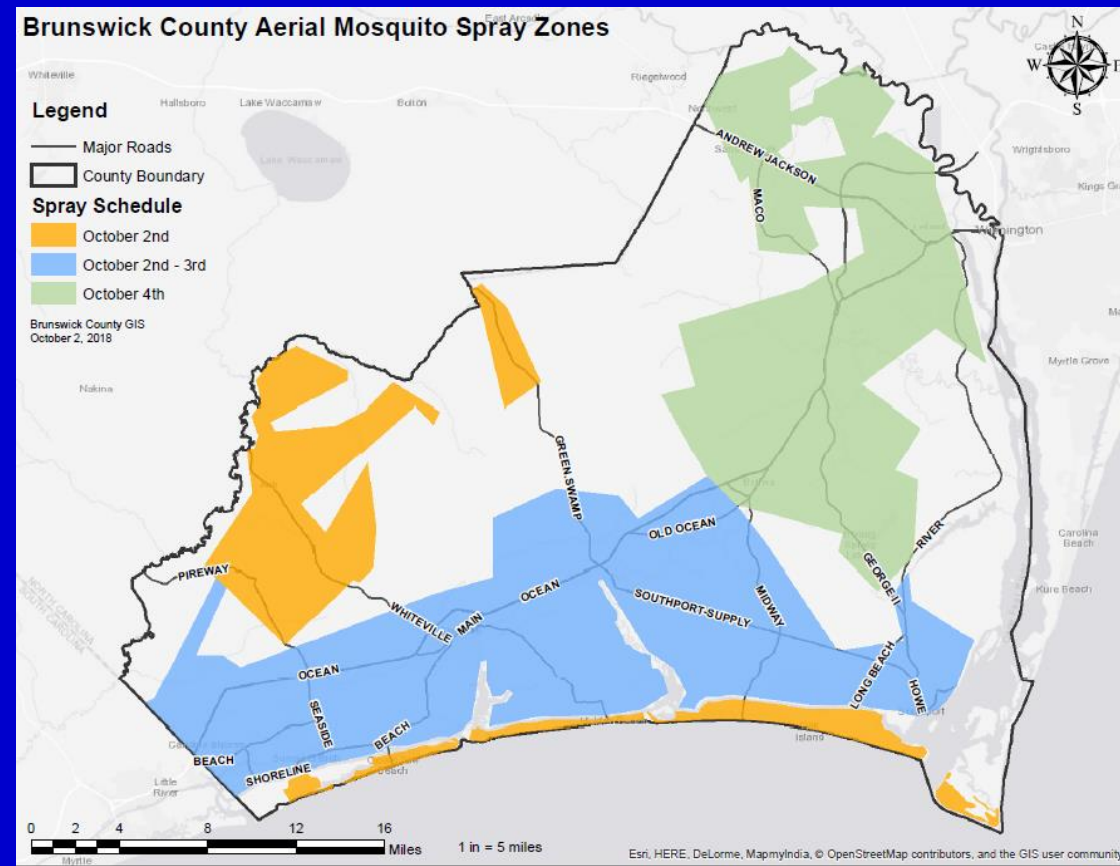
# Post Treatment Data

Trap Site	% Reduction
5301 Gander Point	0.963
# 5 School House Bridge	0.993
9 Pine Bark Ct	0.991
1583 Horse Branch	0.932
9008 Finch Dr	0.986
170 Landfill Rd	0.996
9439 Idle Way	0.993
2104 Camp Branch	0.671
Average % Reduction	94.062
without Camp Branch	97.916





# 325,000 Acres of Treatment in Brunswick County





# Proof of Product Registration In North Carolina- EPA Approved Product



\*\*\*\*\*  
\*FOR YOUR RECORDS \*  
\*NOT TO BE RETURNED\*  
\*THIS IS NOT A BILL\*  
\*\*\*\*\*

NORTH CAROLINA DEPARTMENT OF AGRICULTURE  
PESTICIDE SECTION  
STEVE TROXLER, COMMISSIONER  
PESTICIDE REGISTRATION CERTIFICATION

FEB 21 2018

THIS CERTIFIES THAT THE BRANDS OR GRADES OF PESTICIDE(S) LISTED BELOW HAVE BEEN DULY REGISTERED, AND THEIR SALES IN NORTH CAROLINA AUTHORIZED FOR THE CALENDAR YEAR INDICATED, ACCORDING TO THE NORTH CAROLINA PESTICIDE LAW OF 1971, ARTICLE 52 OF CHAPTER 143 OF THE GENERAL STATUTES.

SUBMITTED FOR: AMVAC CHEMICAL  
000000815 BRIANDE O'HARA  
4695 MCARTHUR CT STE 1200  
NEWPORT BEACH CA 92660

SUBMITTED BY: AMVAC CHEMICAL  
000000815 BRIANDE O'HARA  
4695 MCARTHUR CT STE 1200  
NEWPORT BEACH CA 92660

PHONE: (949)221-6108

EPA REG NO	BRAND NAME OF PESTICIDE (AS SHOWN ON LABEL)	NC ID	STATUS	REG FEE	ETF FEE	REG YEAR
EPA -SLN -20030003-	ORTHENE 97 (ON PEANUTS)	00240377	RENEWAL	\$00.00	\$00.00	2018
EPA -SLN -20030004-	ORTHENE 97 (ON SOUTHERN PINESEED ORCHARDS)	00240378	RENEWAL	\$00.00	\$00.00	2018
EPA -SLN -20050003-	ORTHENE 97 (KENAF)	00240387	RENEWAL	\$00.00	\$00.00	2018
EPA -SLN -20130003-	VAPAM HL SOIL FUMIGANT (PEANUTS / BUFFER ZONE TABLE)	00240434	RENEWAL	\$00.00	\$00.00	2018
EPA -SLN -20180002-	PARAZONE 35L HERBICIDE (CLARY SAGE)	00240465	NEW	\$00.00	\$00.00	2018
000100-01075-00005481-	FORCE 3G SMARTBOX INSECTICIDE	20130518	RENEWAL	\$150.00	\$25.00	2018
000100-01615-00005481-	FORCE 10G HL SMARTBOX INSECTICIDE	20170877	REVISED	\$150.00	\$25.00	2018
000241-00306-00005481-	AMVAC SCEPTER 70 DG HERBICIDE	20160294	RENEWAL	\$150.00	\$25.00	2018
000264-00737-00005481-	BAYLETON 50% DRY FLOWABLE FUNGICIDE	20060677	RENEWAL	\$150.00	\$25.00	2018
005481-00013-	- NUVAN DIRECTED SPRAY AEROSOL	20141300	RENEWAL	\$150.00	\$25.00	2018
005481-00204-	- NUVAN FOG 4EC	20150833	RENEWAL	\$150.00	\$25.00	2018
005481-00205-	- NUVAN FOG 2EC	20150834	RENEWAL	\$150.00	\$25.00	2018
005481-00220-	- NUVAN FOG 5X	20150832	RENEWAL	\$150.00	\$25.00	2018
005481-00426-	- AMID-THIN W	20160740	RENEWAL	\$150.00	\$25.00	2018
005481-00427-	- FRUITONE N	19920145	RENEWAL	\$150.00	\$25.00	2018
005481-00448-	- BIDRIN 8 WATER MISCIBLE INSECTICIDE	19941205	RENEWAL	\$150.00	\$50.00	2018

\*\*\*\*\*  
\*FOR YOUR RECORDS \*  
\*NOT TO BE RETURNED\*  
\*THIS IS NOT A BILL\*  
\*\*\*\*\*

NORTH CAROLINA DEPARTMENT OF AGRICULTURE  
PESTICIDE SECTION  
STEVE TROXLER, COMMISSIONER  
PESTICIDE REGISTRATION CERTIFICATION

NOV 27 2017

THIS CERTIFIES THAT THE BRANDS OR GRADES OF PESTICIDE(S) LISTED BELOW HAVE BEEN DULY REGISTERED, AND THEIR SALES IN NORTH CAROLINA AUTHORIZED FOR THE CALENDAR YEAR INDICATED, ACCORDING TO THE NORTH CAROLINA PESTICIDE LAW OF 1971, ARTICLE 52 OF CHAPTER 143 OF THE GENERAL STATUTES.

SUBMITTED FOR: CLARKE MOSQUITO CTRL PROD  
000000571 LEISHA ABEL  
675 SIDWELL CT.  
ST. CHARLES IL 60174

SUBMITTED BY: CLARKE MOSQUITO CTRL PROD  
000000571 LEISHA ABEL  
675 SIDWELL CT.  
ST. CHARLES IL 60174

PHONE: (630)671-3189

EPA REG NO	BRAND NAME OF PESTICIDE (AS SHOWN ON LABEL)	NC ID	STATUS	REG FEE	ETF FEE	REG YEAR
001021-01687-00008329-	ANVIL 2+2 ULV	19971470	RENEWAL	\$150.00	\$25.00	2018
001021-01688-00008329-	ANVIL 10+10 ULV	19971471	RENEWAL	\$150.00	\$25.00	2018
001021-01795-00008329-	DUET DUAL-ACTION ADULTICIDE	20060836	RENEWAL	\$150.00	\$25.00	2018
001021-01807-00008329-	AQUA ANVIL WATER BASED ADULTICIDE	20070807	RENEWAL	\$150.00	\$25.00	2018
008329-00020-	- MOSQUITOMIST 1.5 U.L.V.	19950275	REVISED	\$150.00	\$25.00	2018
008329-00033-	- BIOMIST 3+15 ULV	19940630	RENEWAL	\$150.00	\$50.00	2018
008329-00035-	- BIOMIST 4+4 ULV	19940322	RENEWAL	\$150.00	\$50.00	2018
008329-00040-	- BIOMIST 1.5+7.5 ULV	19960883	RENEWAL	\$150.00	\$25.00	2018
008329-00042-	- BIOMIST 30+30 ULV	19960323	RENEWAL	\$150.00	\$25.00	2018
008329-00043-	- BIOMIST 31+66 ULV	20030752	RENEWAL	\$150.00	\$25.00	2018
008329-00067-	- FLIT 10 EC BROAD SPECTRUM MULTI-USE INSECTICIDE	20020173	RENEWAL	\$150.00	\$25.00	2018
008329-00080-	- NATULAR G	20151226	REVISED	\$150.00	\$25.00	2018
008329-00082-	- NATULAR 2EC	20161341	RENEWAL	\$150.00	\$25.00	2018
008329-00083-	- NATULAR G30	20110088	RENEWAL	\$150.00	\$50.00	2018
008329-00084-	- NATULAR XRT	20110938	RENEWAL	\$150.00	\$25.00	2018
008329-00085-	- NATULAR T30	20110326	RENEWAL	\$150.00	\$50.00	2018



# FEMA Reporting Portal

- During the post-reporting period, FEMA may pose follow-up questions regarding the decontamination operation.
- Typically, one agency within the county handles the follow up reporting inquiries. Brunswick's POC with FEMA was our chief of finance.
- When follow up questions are posed, the director of finance requests the supporting materials. It's all part of getting paid for the effort .
- We received a number of follow up questions that clarified the support for our application.



# Other Post FEMA Submissions

- **Hurricane Florence Mosquito Control Operational Summary**
  - FEMA requested a narrative discussing the Florence response for mosquitoes from start to finish. This document tied the overall response together and demonstrated the need for emergency activities through FEMA.



Questions?